

ALL BODY WEIGHT SUPPORTED TREADMILLS ARE NOT ALIKE: DIFFERENCES IN HIP AND KNEE KINEMATICS.

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Introduction: Body weight supported treadmills are designed to produce similar kinematic results in the lower extremities. Investigation was to compare hip and knee ranges of motion when using an overhead harness/treadmill (Biodex NxStep) versus an anti-gravity treadmill (AlterG Anti-Gravity Treadmill™) during unweighting during ambulation. Subjects: A total of 17 subjects participated in the study. Methods: A convenience sample of seventeen subjects from Hardin-Simmons University.